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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of

Docket No: Q63956

Toshiaki KUNIYASU, et al.

Appln. No.: 09/826,851

Group Art Unit: 2828

Confirmation No.: 3185

Examiner: James Menefee

Filed: April 06, 2001

For: SEMICONDUCTOR LASER ELEMENT AND SEMICONDUCTOR LASER

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated November 6, 2002, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 8-17 without prejudice or disclaimer.

The claims are amended as follows:

1. (Amended) A semiconductor laser element comprising  
a substrate,  
a plurality of semiconductor layers formed on the substrate, and  
a concave portion formed on one surface of the substrate, said one surface being opposite  
to the other surface having the semiconductor layers formed thereon, wherein  
the concave portion is filled with a metal having a heat conductivity higher than the  
substrate, and wherein

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